Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for reducing [[the]] noise [[of]] generation in a turbo ~~engines~~ engine with blade cascades, said method comprising:

reducing ~~(S1, R1; S2, R1; S3, R3; S4, R4), characterized in that~~ hydrodynamic pressure fluctuations occurring on the cascades ~~(S1, R2; S2, R1; S3, R3; S4, R4) are reduced~~ by varying [[the]] a surface circulation of at least a section of at least one stator ~~(S1, S2, S3, S4)~~.

Claim 2 (currently amended): [[A]] The method according to claim 1, ~~characterized in that~~ wherein the surface circulation of one or more blades [[(S)]] of the stator ~~(S1, S2, S3, S4)~~ is varied.

Claim 3 (currently amended): [[A]] The method according to claim 2, ~~characterized in that~~ wherein the aerodynamic characteristics of the stator ~~(S1, S2, S3, S4)~~ are varied through the deflection of at least one ~~or more blades (S)~~ blade or sections thereof.

Claim 4 (currently amended): [[A]] The method according to claim 2 [[or 3]], ~~characterized in that the~~ wherein aerodynamic characteristics of the

stator ~~(S1, S2, S3, S4)~~ are varied by air flowing into ~~one or more blades (S) or flowing~~ out of at least one ~~or more blades (S)~~ blade.

Claim 5 (currently amended): [[A]] The method according to ~~any one of the claims 2 – 4~~ claim 2, ~~**characterized in that**~~ wherein several blades [[(S)]] of a stator ~~(S1, S2, S3, S4)~~ are controlled individually or corresponding with a delay to [[the]] separation and rotational speed of the stator ~~(S1, S2, S3, S4) with a delay~~.

Claim 6 (currently amended): [[A]] The method according to claim 5, ~~**characterized in that the**~~ wherein at least one of phase position ~~and/or the~~ and amplitude of [[the]] control is regulated ~~by means of~~ in response to error signals.

Claim 7 (currently amended): [[A]] The method according to claim 1, ~~any one of the above claims, **characterized in that the**~~ wherein surface circulation of the stator ~~(S1, S2, S3, S4)~~ is varied periodically.

Claim 8 (currently amended): [[A]] The method according to claim 7, ~~**characterized in that the**~~ wherein a control frequency of [[the]] periodic ~~method~~ variation corresponds to [[the]] a base frequency of [[the]] tonal noise resulting from the product of the rotor blade number and the rotational speed.

Claim 9 (currently amended): [[A]] The method according to ~~any one of the claims 1 – 4, **characterized in that**~~ claim 4, wherein air is blown out continuously on [[the]] a trailing edge of at least one ~~or more blades (S) of~~ blade

of the stator ~~(S1, S2, S3, S4) so as to harmonize the~~ in a manner which harmonizes circulation of downstream cascades.

Claim 10 (currently amended): A rotor-stator arrangement, ~~**characterized in that** means (11, 12, 13, 14, 15, 16, 17)~~ comprising:

a rotor;

a stator; and

means provided on at least one stator, for influencing [[the]] surface circulation of at least one section of the stator ~~(S1, S2, S3, S4) are provided on one or more stators (S1, S2, S3, S4)~~.

Claim 11 (currently amended): [[A]] The rotor-stator arrangement according to claim 10, ~~**characterized in that** the~~ wherein said means ~~(11, 12, 13, 14, 15, 16, 17) are one or more~~ comprises at least one leading edge ~~flaps (12)~~ flap disposed on at least one ~~or more blades~~ blade of the stator ~~(S1, S2, S3, S4)~~.

Claim 12 (currently amended): [[A]] The rotor-stator arrangement according to claim 10, ~~**characterized in that** the~~ wherein said means ~~(11, 12, 13, 14, 15, 16, 17) are~~ comprises at leaset one ~~or more~~ trailing edge ~~flaps (13)~~ flap disposed on at least one ~~or more blades~~ blade of the stator ~~(S1, S2, S3, S4)~~.

Claim 13 (currently amended): [[A]] The rotor-stator arrangement according to ~~any one of the claims 10 – 12, **characterized in that** one or more~~

~~blades~~ claim 10, wherein at least one blade of the stator ~~(S1, S2, S3, S4) are~~ is movable about a predefined axis.

Claim 14 (currently amended): [[A]] The rotor-stator arrangement according to ~~any one of the claims 10 – 13, **characterized in that** on one or more blades~~ claim 10, wherein at least one blade of the stator ~~(S1, S2, S3, S4)~~ has at least one ~~or more~~ movable surface ~~elements (14) are provided~~ element.

Claim 15 (currently amended): [[A]] The rotor-stator arrangement according to ~~any one of the claims 10 – 14, **characterized in that** on the~~ claim 10, wherein at least one opening is provided on a surface of at least one ~~or more blades~~ blade of the stator, ~~(S1, S2, S3, S4) one or more openings (15, 16) are provided~~ for taking in ~~and/or~~ or blowing out air.

Claim 16 (currently amended): [[A]] The A rotor-stator arrangement according to any ~~of the claims 10 – 15, **characterized in that** on the~~ claim 10, wherein at least one opening is provided on a trailing edge of at least one ~~or more blades (S)~~ blade of the stator, ~~(S1, S2, S3, S4) one or more openings (17) are provided~~ for continuously blowing out air.

Claim 17 (currently amended): [[A]] The rotor-stator arrangement according to ~~any one of the claims 10 – 14, **characterized in that** mechanically, electrically, piezo-electrically, hydraulically or pneumatically operated~~ claim 10, wherein:

actuators are provided for ~~the purpose of~~ influencing [[the]] movement of [[the]] said means ~~(11, 12, 13, 14)~~; and

said actuators are operated by a technique which is one of mechanical, electrical, piezo-electrical, hydraulic and pneumatic..

Claim 18 (currently amended): [[A]] The rotor-stator arrangement according to ~~any one of the claims 10 – 17, where if necessary a method according to any one of the claims 1 – 8 is employed~~ claim 10, wherein hydrodynamic pressure fluctuations occurring on the cascades are reduced by varying the surface circulation of at least a section of at least one stator.

Claim 19 (original): An engine comprising a rotor-stator arrangement according to claim 18.

Claim 20 (original): An airplane comprising an engine according to claim 19.